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**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
**USPTO Use Only**

EFS ID: 59197  
Application ID: 09399281  
Title of Invention: Virtual Channels and  
Corresponding Buffer Allocations  
for Deadlock-Free Computer  
System Operation  
First Named Inventor: James Keller  
Domestic/Foreign Application: Domestic Application  
Filing Date: 1999-09-17  
Effective Receipt Date: 2004-04-19  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 2101  
Attorney Docket Number: 5500-46300


Total Fees Authorized:

Digital Certificate Holder: cn=Lawrence J. Merkel,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: cf668917467ae7deacbf69442a4fc4e72ffd1aa

**TRANSMITTAL**

Electronic Version v1.1

Stylesheet Version v1.1.0

<b>Title of Invention</b>	Virtual Channels and Corresponding Buffer Allocations for Deadlock-Free Computer System Operation									
Application Number: 09/399281 										
Date: 1999-09-17										
First Named Applicant: James Keller										
Confirmation Number: 2101										
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<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Lawrence Merkel Registered Number: 41191</td><td>Lawrence Merkel</td><td>Agent</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Lawrence Merkel Registered Number: 41191	Lawrence Merkel	Agent		
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Lawrence Merkel Registered Number: 41191	Lawrence Merkel	Agent								
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>IDS4-16-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	IDS4-16-usidst.xml		us-ids.dtd		us-ids.xsl
Documents being submitted	Files									
us-ids	IDS4-16-usidst.xml									
	us-ids.dtd									
	us-ids.xsl									
Comments										



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
Stylesheet Version v18.0

Title of  
Invention

Virtual Channels and Corresponding Buffer Allocations for  
Deadlock-Free Computer System Operation

Application Number: 09/399281  
Confirmation Number: 2101  
First Named Applicant: James Keller  
Attorney Docket Number: 5500-46300  
Art Unit: 2151  
Examiner: Frantz Jean  
Search string: ( 6157967 or 5748900 or 5797035 or 5583990  
or 6484220 or 6426957 or 5850395 or 5848068  
or 5495619 or 6256674 or 6370621 or 6389526  
or 6205508 or 6370600 or 20010051977 or  
20010044874 ),pn.



### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	6157967	2000-12-05	Horst et al			
	2	5748900	1998-05-05	Scott et al			
	3	5797035	1998-08-18	Birritella et al			
	4	5583990	1996-12-10	Birritella et al			
	5	6484220	2002-11-19	Alvarez et al			
	6	6426957	2002-07-30	Hauser et al			
	7	5850395	1999-12-15	Hauser et al			
	8	5848068	1998-12-08	Daniel et al			
	9	5495619	1996-02-27	May et al			
	10	6256674	2001-07-03	Manning et al			
	11	6370621	2002-04-09	James B Keller			
	12	6389526	2002-05-14	Keller et al			
	13	6205508	2001-03-20	Bailey et al			
	14	6370600	2002-04-09	Hughes et al			

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20010051977	2001-12-13	Hagersten			
	2	20010044874	2001-11-22	Watanbe et al			

Signature

Examiner Name	Date